

MINISTRY OF WATER RESOURCES

DEMAND NO. 106

Ministry of Water Resources

A. The Budget allocations, net of recoveries, are given below:

<i>(In crores of Rupees)</i>													
Major Head	Actual 2012-2013			Budget 2013-2014			Revised 2013-2014			Budget 2014-2015			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	430.98	515.63	946.61	1302.55	574.75	1877.30	566.30	539.20	1105.50	13007.47	597.84	13605.31	
Capital	82.01	-3.62	78.39	197.45	1.80	199.25	133.70	1.80	135.50	229.53	1.80	231.33	
Total	512.99	512.01	1025.00	1500.00	576.55	2076.55	700.00	541.00	1241.00	13237.00	599.64	13836.64	
1. Secretariat-Economic Service	3451	...	52.52	52.52	...	50.89	50.89	...	61.52	61.52	...	56.12	56.12
Major and Medium Irrigation													
2. Central Water Commission	2701	...	160.23	160.23	...	170.57	170.57	...	152.13	152.13	...	172.91	172.91
3. Central Soil & Materials Research Station	2701	...	9.87	9.87	...	12.01	12.01	...	9.45	9.45	...	10.83	10.83
4. Central Water & Power Research Station	2701	...	33.91	33.91	...	44.10	44.10	...	44.88	44.88	...	48.11	48.11
5. National Institute of Hydrology	2701	...	10.32	10.32	...	9.65	9.65	...	12.80	12.80	...	14.00	14.00
6. Research and Development Programme	2701	31.37	...	31.37	48.00	...	48.00	33.00	...	33.00	49.00	...	49.00
7. Others													
7.01 Boards and Committees	2701	...	1.82	1.82	...	2.53	2.53	...	2.46	2.46	...	5.16	5.16
	4701	...	...	...	...	...	...	...	...	...	...	...	...
	<i>Total</i>	...	1.82	1.82	...	2.53	2.53	...	2.46	2.46	...	5.16	5.16
8. Non-Plan Grants to States													
8.01 Assistance for Sutlej Yamuna Link Canal Project	3601	...	...	...	...	5.79	5.79	...	0.80	0.80	...	15.00	15.00
9. Development of Water Resources Information System	2701	35.21	...	35.21	137.91	...	137.91	40.46	...	40.46	173.62	...	173.62
	2702	...	...	...	0.02	...	0.02	...	...	...	0.02	...	0.02
	3601	3.09	...	3.09	10.00	...	10.00	1.16	...	1.16	50.66	...	50.66
	3602	...	...	...	0.07	...	0.07	0.01	...	0.01	0.10	...	0.10
	<i>Total</i>	38.30	...	38.30	148.00	...	148.00	41.63	...	41.63	224.40	...	224.40
10. Infrastructure Development	2701	1.41	...	1.41	2.55	...	2.55	1.30	...	1.30	0.47	...	0.47
	4701	...	...	...	...	...	...	...	...	...	2.43	...	2.43
	<i>Total</i>	1.41	...	1.41	2.55	...	2.55	1.30	...	1.30	2.90	...	2.90
11. Hydrology Project													
11.01 EAP Component	2701	36.38	...	36.38	64.40	...	64.40	47.99	...	47.99	25.68	...	25.68
11.02 Non EAP Component	2701	1.52	...	1.52	5.60	...	5.60	2.01	...	2.01	5.70	...	5.70

(In crores of Rupees)

	Major Head	Actual 2012-2013			Budget 2013-2014			Revised 2013-2014			Budget 2014-2015		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
<i>Total- Hydrology Project</i>		37.90	...	37.90	70.00	...	70.00	50.00	...	50.00	31.38	...	31.38
12. Investigation of Water Resources Development Scheme	2701	...	...	...	...	...	...	...	...	...	...	...	...
13. Information, Education and Communication	2701	...	...	...	...	...	...	...	...	...	...	...	...
14. Dam Safety Studies and Planning	2701	...	...	...	...	...	...	...	...	...	...	...	...
15. River Basin Organization/Authority	2701	...	...	...	...	...	...	...	...	...	...	...	...
16. Human Resource Development/Capacity Building	2701	11.09	...	11.09	85.00	...	85.00	24.50	...	24.50	38.00	...	38.00
17. River Basin Management	2701	58.67	...	58.67	100.00	...	100.00	65.00	...	65.00	107.00	...	107.00
18. Implementation of National Water Mission	2701	...	...	...	110.00	...	110.00	2.00	...	2.00	40.00	...	40.00
19. Irrigation Management Programme	2701	0.24	...	0.24	40.00	...	40.00	0.10	...	0.10	1.00	...	1.00
20. <i>Dam Rehabilitation and Improvement Programme (DRIP)</i>													
20.01 EAP Component	2701	0.30	...	0.30	28.88	...	28.88	7.20	...	7.20	24.00	...	24.00
20.02 Non EAP Component	2701	0.13	...	0.13	7.12	...	7.12	1.80	...	1.80	6.00	...	6.00
<i>Total- Dam Rehabilitation and Improvement Programme (DRIP)</i>		0.43	...	0.43	36.00	...	36.00	9.00	...	9.00	30.00	...	30.00
21. <i>Plan Grants to State</i>													
21.01 Bodwad Parisar Sinchan Yojana Project of Maharashtra	3601	...	...	...	...	...	...	12.40	...	12.40	200.00	...	200.00
22. <i>Accelerated Irrigation Benefit and Flood Management Programme</i>													
22.01 State Plan	3601	...	...	...	...	...	...	...	...	...	7729.22	...	7729.22
22.02 UT Plan	3602	...	...	...	...	...	...	...	...	...	...	...	...
22.03 North Eastern Region	2552	...	...	...	...	...	...	...	...	...	1263.00	...	1263.00
<i>Total- Accelerated Irrigation Benefit and Flood Management Programme</i>		...	...	...	...	...	...	...	...	...	8992.22	...	8992.22
23. Impact Assessment Studies of AIBFMP	2701	...	...	...	...	...	...	...	...	...	50.00	...	50.00
24. Polavaram Project Authority	2701	...	...	...	...	...	...	...	...	...	250.00	...	250.00
25. Pradhan Mantri Krishi Sinchai Yojana	2552	...	...	...	...	...	...	...	...	...	50.00	...	50.00
	3601	...	...	...	...	...	...	...	...	...	950.00	...	950.00
<i>Total</i>		...	...	...	...	...	...	...	...	...	1000.00	...	1000.00
26. DPR for interlinking of Rivers	2701	...	...	...	...	...	...	...	...	...	100.00	...	100.00
Total-Major and Medium Irrigation		179.41	216.15	395.56	639.55	244.65	884.20	238.93	222.52	461.45	11115.90	266.01	11381.91
Minor Irrigation													
27. Central Ground Water Board	2702	...	118.65	118.65	...	134.31	134.31	...	127.32	127.32	...	136.35	136.35
28. Rajiv Gandhi National Training & Research Institute for Ground Water	2702	...	...	...	...	...	...	...	...	...	...	...	...
29. Ground Water Management and Regulation	2702	118.28	...	118.28	235.00	...	235.00	100.00	...	100.00	325.00	...	325.00

(In crores of Rupees)

	Major Head	Actual 2012-2013			Budget 2013-2014			Revised 2013-2014			Budget 2014-2015		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
30. Infrastructure Development	4702	3.45	...	3.45	28.00	...	28.00	7.70	...	7.70	48.60	...	48.60
31. Human Resource Development/Capacity Building	2702	6.09	...	6.09	9.00	...	9.00	7.00	...	7.00	7.00	...	7.00
Total-Minor Irrigation Flood Control		127.82	118.65	246.47	272.00	134.31	406.31	114.70	127.32	242.02	380.60	136.35	516.95
32. Central Water Commission	2711	...	74.09	74.09	...	78.96	78.96	...	75.53	75.53	...	84.32	84.32
33. Emergent Flood Protection Works in Eastern & Western Sectors	7601	...	2.49	2.49	...	3.00	3.00	...	3.00	3.00	...	3.00	3.00
34. Other Schemes of Flood Control													
34.01 Flood Forecasting	2711	25.21	...	25.21	130.00	...	130.00	20.80	...	20.80	90.00	...	90.00
34.02 River Management Activities and Works related to Border Areas	2711	16.75	...	16.75	61.00	...	61.00	18.17	...	18.17	24.00	...	24.00
	3601	9.24	...	9.24	64.00	...	64.00	48.83	...	48.83	96.00	...	96.00
	3602	...	...	...	...	...	...	...	...	...	55.00	...	55.00
	<i>Total</i>	<i>25.99</i>	<i>...</i>	<i>25.99</i>	<i>125.00</i>	<i>...</i>	<i>125.00</i>	<i>67.00</i>	<i>...</i>	<i>67.00</i>	<i>175.00</i>	<i>...</i>	<i>175.00</i>
34.03 Infrastructure Development	4711	4.99	...	4.99	18.45	...	18.45	10.00	...	10.00	27.50	...	27.50
34.04 River Basin Management	2711	76.00	...	76.00	15.00	...	15.00	12.75	...	12.75	...	...	...
<i>Total- Other Schemes of Flood Control</i>		<i>132.19</i>	<i>...</i>	<i>132.19</i>	<i>288.45</i>	<i>...</i>	<i>288.45</i>	<i>110.55</i>	<i>...</i>	<i>110.55</i>	<i>292.50</i>	<i>...</i>	<i>292.50</i>
Total-Flood Control		132.19	76.58	208.77	288.45	81.96	370.41	110.55	78.53	189.08	292.50	87.32	379.82
35. Provision under schemes for the benefit of North Eastern Region and Sikkim													
35.01 Research and Development Programme	2552	...	...	...	2.00	...	2.00	2.00	...	2.00	1.00	...	1.00
35.02 Pagladia Dam Project	2552	...	...	...	...	...	...	...	...	...	...	...	...
35.03 Development of Water Resources Information System	2552	...	...	...	2.00	...	2.00	1.37	...	1.37	1.00	...	1.00
35.04 Ground Water Management and Regulation	2552	...	...	...	40.00	...	40.00	40.00	...	40.00	...	...	...
35.05 Investigation Water Resources Development Scheme	2552	...	...	...	...	...	...	...	...	...	...	...	...
35.06 Flood Forecasting	2552	...	...	...	20.00	...	20.00	4.20	...	4.20	10.00	...	10.00
35.07 River Management Activities and Works related to Border Areas	2552	...	...	...	...	...	...	...	...	...	...	...	...
35.08 Infrastructure Development	4552	...	...	...	1.00	...	1.00	1.00	...	1.00	1.00	...	1.00
35.09 Human Resource Development/Capacity Building	2552	...	...	...	...	...	...	...	...	...	5.00	...	5.00
35.10 Irrigation Management Programme	2552	...	...	...	...	...	...	...	...	...	...	...	...
35.11 River Basin Management	2552	...	...	...	85.00	...	85.00	72.25	...	72.25	143.00	...	143.00
<i>Total- Provision under schemes for the benefit of</i>		<i>...</i>	<i>...</i>	<i>...</i>	<i>150.00</i>	<i>...</i>	<i>150.00</i>	<i>120.82</i>	<i>...</i>	<i>120.82</i>	<i>161.00</i>	<i>...</i>	<i>161.00</i>

(In crores of Rupees)

	Major Head	Actual 2012-2013			Budget 2013-2014			Revised 2013-2014			Budget 2014-2015			
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
<i>North Eastern Region and Sikkim</i>														
Other Transport Services														
36.	Farakka Barrage Project	3075	...	54.22	54.22	...	65.94	65.94	...	52.31	52.31	...	55.04	55.04
		5075	73.57	...	73.57	150.00	...	150.00	115.00	...	115.00	150.00	...	150.00
		5075	...	-6.11	-6.11	...	-1.20	-1.20	...	-1.20	-1.20	...	-1.20	-1.20
	<i>Net</i>		73.57	48.11	121.68	150.00	64.74	214.74	115.00	51.11	166.11	150.00	53.84	203.84
Ecology and Environment														
37.	National River Conservation Plan	3435	...	...	...	...	...	...	...	...	...	537.00	...	537.00
38.	Ghat Works & Beautification of River Front	3435	...	...	...	...	...	...	...	...	...	100.00	...	100.00
39.	Water Projects of NCT	3435	...	...	...	...	...	...	...	...	...	500.00	...	500.00
40.	<i>National Ganga Plan</i>													
40.01	National Ganga Plan	3435	...	...	...	...	...	...	...	...	...	1500.00	...	1500.00
40.02	Less-Amount met from National Clean Energy Fund	3435	...	...	...	...	...	...	...	...	...	-1500.00	...	-1500.00
	<i>Net</i>		...	...	...	...	...	...	...	...	...	...	...	...
Total-Ecology and Environment			...	...	...	...	...	...	...	...	...	1137.00	...	1137.00
Grand Total			512.99	512.01	1025.00	1500.00	576.55	2076.55	700.00	541.00	1241.00	13237.00	599.64	13836.64
	Head of Dev	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	
C. Plan Outlay														
Central Plan:														
1.	Major and Medium Irrigation	12701	179.41	...	179.41	639.55	...	639.55	238.93	...	238.93	1123.68	...	1123.68
2.	Minor Irrigation	12702	127.82	...	127.82	272.00	...	272.00	114.70	...	114.70	380.60	...	380.60
3.	Flood Control and Drainage	12711	132.19	...	132.19	288.45	...	288.45	110.55	...	110.55	292.50	...	292.50
4.	Other Transport Services	13075	73.57	...	73.57	150.00	...	150.00	115.00	...	115.00	150.00	...	150.00
5.	North Eastern Areas	22552	...	...	...	150.00	...	150.00	120.82	...	120.82	161.00	...	161.00
6.	Ecology and Environment	13435	...	...	...	...	...	...	...	...	...	1137.00	...	1137.00
Total - Central Plan			512.99	...	512.99	1500.00	...	1500.00	700.00	...	700.00	3244.78	...	3244.78
State Plan:														
1.	Accelerated Irrigation Benefit and Flood Management Programme	43601	...	...	...	...	...	...	...	...	...	8992.22	...	8992.22
2.	Pradhan Mantri Krishi Sinchai Yojana	43601	...	...	...	...	...	...	...	...	...	1000.00	...	1000.00
Total - State Plan			...	...	...	...	...	...	...	...	...	9992.22	...	9992.22
Union Territory Plans :														
Union Territory Plans (with Legislature)														
Total - Union Territory Plans			...	...	...	...	...	...	...	...	...	...	...	...
Total			512.99	...	512.99	1500.00	...	1500.00	700.00	...	700.00	13237.00	...	13237.00

1. **Secretariat- Economic Services:** Non Plan provision is for secretariat expenditure of the Ministry.

2. **Central Water Commission:** The provision is made for Central Water Commission.

6. **Research and Development Programme for Water Sector:** The main objectives of the scheme are (i) to find solutions to water resources related problems of the country to improve available technology and engineering methods and procedures, (ii) to collect relevant information from national and international organizations and identify the knowledge gap to prepare and implement suitable strategy for bridging the gaps, (iii) to prepare, co-ordinate and recommend funding of research activities to be taken up by the various institutions in the country in water resources sector, (iv) to disseminate information and stimulate thinking related to the subject by publishing journals, research news/digests arranging and conducting seminars/conferences/workshops, (v) to promote educational, training and human resources development programmes in the water sector.

9. **Development of Water Resources Information System:** The scheme on Water Resources Information System proposes to establish databases and data banks at the national and state level by consolidating the data flowing mainly from the existing system.

11. **Hydrology Project:** To extend and promote the sustained and effective use of the Hydrological Information System by all implementing agencies concerned with water resources planning and management in the thirteen States and eight Central Organisations participating in HP-II.

16. **Human Resource Development/Capacity Building:** This comprises of four components viz. (i) Information, Education and Communication (IEC), (ii) National Water Academy (NWA), (iii) Rajiv Gandhi National Ground Water Training Institute (RGI) and (iv) Capacity Building Programme

18. **Implementation of National Water Mission:** The National Action Plan on Climate Change (NAPCC) launched by the Government of India has identified the approach to be adopted to meet the challenges of impact of climate change through institutionalization of eight national missions which inter alia includes a National Water Mission. The objective of National Water Mission is conservation of water, minimizing wastage and ensuring its more equitable distribution both across and within States through integrated water resources development and management.

19. **Irrigation Management Programme:** Irrigation Management Programme is a new scheme introduced in the XII Five Year Plan of proposed outlay of ₹ 10000.00 Crores.

20. **Dam Rehabilitation and Improvement Programme:** The Government has formulated the scheme for implementation of Dam rehabilitation and Improvement Project (DRIP) with the World Bank assistance under which rehabilitation of 223 Dams in the States of Kerala, Madhya Pradesh, Orissa and Tamil Nadu are proposed to be taken up. The project will improve the safety and operational performance of selected existing dams with reduced risk of failure.

21.01. **Bodwad Parisar Sinchan Yojana Project of Maharashtra.:** The Plan provision is for special assistance towards Bodwad Irrigation project of Maharashtra.

22. **Accelerated Irrigation Benefit & Flood Management Programme:** The scheme supports Major, medium and minor projects of the states and also provides for national projects, Command Area development and management, flood management and Repair, Renovation and Restoration of Water Bodies.

24. **Polavaram Project Authority:** Cabinet has recently approved constitution of Polavaram Project Authority under Andhra Pradesh Reorganisation Act, 2014 to be funded by Central Government.

25. **Pradhan Mantri Krishi Sinchai Yojna:** The provision is for Krishi Sinchai Yojna for providing & increasing facilities of irrigation in the country and amounting ₹ 1000.00 crore has been provided for the purpose.

26. **DPR for interlinking of Rivers:** The provision is for preparation of detailed project report for inter-linking of Rivers.

29. **Ground Water Management and Regulation:** The major activities proposed during 12th plan will be as follows- (i) Aquifer Mapping ,(ii) Strengthening of Ground Water Monitoring Observation Well- during XII plan.

34.01. **Flood Forecasting:** Flood Forecasting has been recognized as an effective tool for flood management by providing advance warning to the flood prone areas maintaining strengthening and modernising hydrological observations on inter state rivers by CWC is supported under the scheme.

34.02. **River Management Activities in Border Areas:** Scheme provides for joint hydrological observations and river data sharing cost with neighbouring countries.

36. **Farakka Barrage Project:** During XII Plan additional activities of decommissioning and commissioning of all damaged gates and river training bank protection works along rivers Ganga Padma and Bhagirathi including afflux bunds and guide bunds are proposed to be carried out.

37. **National River Conservation Plan:** The provision is for National River Conservation Plan. For greater efficiency in programme delivery, the programme has been shifted to the Ministry of Water Resource from Ministry of Environment and Forest.

38. **Ghat works & Beautification of River Front:** The provision is for River front development and beautification of their Ghats.

39. **Water projects of NCT:** The provision is for improving supply of water in the NCT of Delhi. The amount includes provisions for Renuka Dam.

40. **National Ganga Plan:** The programme is for cleaning of Ganga. The amount is to be met from National clean Energy Fund (NCEF).